

Title (en)
BEAM-SHAPING OF A RADIO SIGNAL

Title (de)
STRAHLFORMUNG EINES FUNKSIGNALS

Title (fr)
FORMATION DE FAISCEAU D'UN SIGNAL RADIO

Publication
EP 1400036 B1 20080227 (DE)

Application
EP 02754195 A 20020612

Priority
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Abstract (en)
[origin: WO03003612A1] The beam shaping of a radio signal, transmitted from a first station (BS), with a number of antennae (A1-Am), to a second station (ms), may be controlled whereby the first station selects a weighting vector from a first set of base weighting vectors by using back-coupling information transmitted by the second station then supplies the signal for transmission to each antenna multiplied by an antenna-specific component of the weighting vector. A second set of weighting vectors is further defined and information about which set the weighting vector is to be chosen from is transmitted between the two stations.

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